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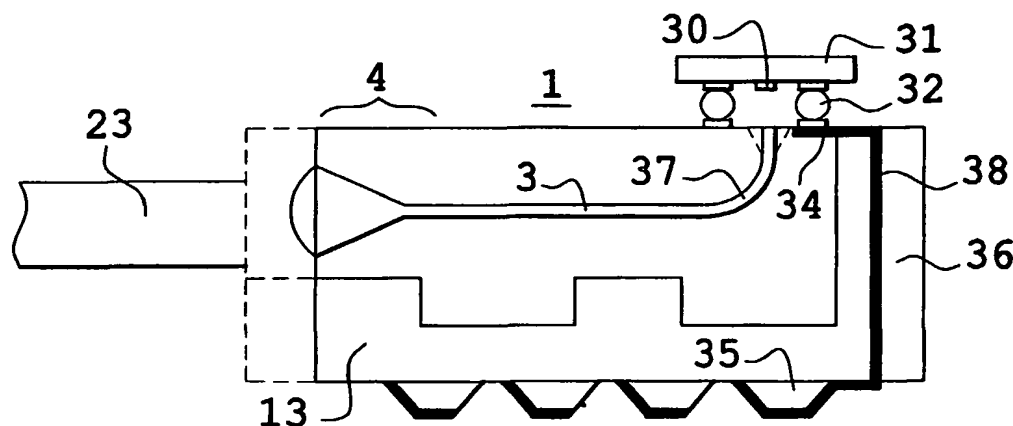
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En ce qui concerne les codes à deux lettres et autres abréviations, se référer aux "Notes explicatives relatives aux codes et abréviations" figurant au début de chaque numéro ordinaire de la Gazette du PCT.

(54) Title: OPTICAL INTERCONNECT MODULE, AND FERRULE COMPRISING SAME

(54) Titre : MODULE D'INTERCONNEXION OPTIQUE, ET FERULE COMPORTANT UN TEL MODULE



(57) Abstract: To produce an optical interconnect, either between two optical fibers, or between an optical fiber and an optoelectronic conversion circuit, a module comprising a body (2) wherein are overmoulded optical fiber sections (3) is provided. The overmoulding enables to simplify industrial production and provide the optical fiber sections with shapes, in particular end flares (16, 17) and/or lenses (18, 19) enabling useful refocusing of the light rays transported by said optical fibers.

(57) Abrégé : Pour réaliser une interconnexion optique, soit de deux fibres optiques entre elles, soit d'une fibre optique avec un circuit optoélectronique de conversion, on prévoit un module muni d'un corps (2) dans lequel sont surmoulés des tronçons (3) de fibres optiques. Le surmoulage permet d'une part une simplification de la fabrication industrielle et permet d'autre part d'adopter pour les tronçons de fibres optiques des formes, notamment des évasements (16, 17) et ou des lentilles (18, 19) permettant une refocalisation utile des rayons lumineux transportés par ces fibres optiques.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 761 364 A (KNAPP JAMES H ET AL) 2 June 1998 (1998-06-02) abstract; figures 1,2 column 2, line 16 - line 32 column 3, line 25 - line 36 column 3, line 63 -column 4, line 45 ---	1,3,5
A	EP 0 901 023 A (NIPPON ELECTRIC CO) 10 March 1999 (1999-03-10) abstract; figures 11,12 column 5, paragraph 27 -column 6, paragraph 32 ---	1-3
A	WO 98 17943 A (FARLIGHT CORP) 30 April 1998 (1998-04-30) abstract; figure 9 page 17, line 18 -page 18, line 28 ---	1,3,4
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 618 468 A (MOTOROLA INC) 5 October 1994 (1994-10-05) abstract; figures column 3, line 10 - line 33 column 5, line 37 - line 57 ---	1,3,9,10
A	US 5 367 593 A (LEBBY MICHAEL S ET AL) 22 November 1994 (1994-11-22) abstract; figures 1,2,4 column 2, line 22 - line 60 column 3, line 41 -column 4, line 26 ---	1,3,5,6, 9,10
A	US 5 636 298 A (JIANG WENBIN ET AL) 3 June 1997 (1997-06-03) abstract; figure 1 column 2, line 47 - line 60 column 4, line 37 - line 52 ---	1,5,7,8, 10
A	US 5 416 870 A (CHUN CHRISTOPHER K Y ET AL) 16 May 1995 (1995-05-16) abstract; figures column 4, line 1 - line 13 column 5, line 31 - line 58 column 6, line 20 - line 30 -----	1,5,6,10